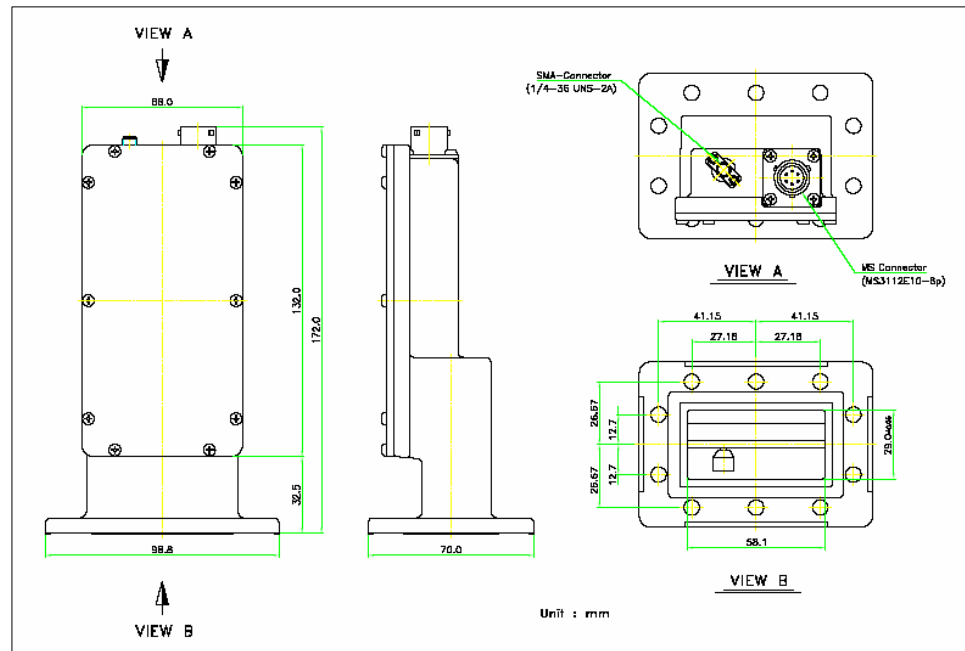


# C-Band LNA Applications

## SM-210

### Outline Drawing



### Model No & Frequency

Model No  
SM-210

Frequency range  
3.4 – 4.2 GHz

### Specifications

Parameter	Specification
Noise temperature (@+25°C)	30°K max.
Input VSWR	2.2 : 1 max.
Conversion gain	50 dB
Output VSWR	2.2 : 1 max.
Gain flatness	4 dBp-p max.
1dB gain compression point	+5 dBm min.
Output impedance	50 ohms
Power supply	+12 to +24V DC
Required current	150 mA max.
Power connector	MS3112E10-6P
Operating temperature	-30°C to +60°C
Storage temperature	-40°C to +80°C
Relative humidity	0% to 95% RH
Input waveguide flange	WR-229
Output connector	SMA type female
Weight	500 g



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